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(71) Applicant

**RCA Corporation (USA-Delaware),
201 Washington Road, Princeton, New Jersey 08540-0028,
United States of America**

(72) Inventor

Henry Garton Lewis

(74) Agent and/or Address for Service

TIM Smith,
C/o RCA International Limited, Norfolk House,
31 St James's Square, London SW1Y 4JR

(51) $INT CL^4$

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(52) Domestic classification

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(56) Documents cited

None

(58) Field of search

G4A

(54) A video signal memory system with reduced memory

(57) A memory system for storing video signals represented by N-bit digital samples is provided. The samples comprise M most-significant-bits (MSB's), and N-M least-significant-bits (LSB's). An encoder (18) is responsive to the MSB's of successive pairs of samples and generates a flag signal (FLAG IN) indicating whether the MSB's of the two samples are alike or different. A first memory (24) stores the LSB's and a corresponding flag signal for each sample. A second memory (32) stores the MSB's of only those samples the MSB's of which are different from those of the samples with which they are paired.

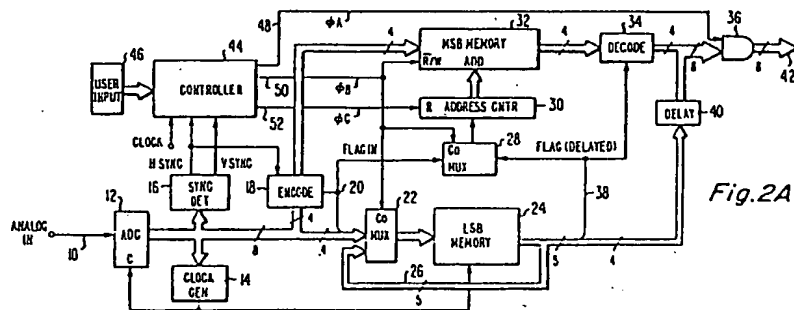


Fig.2A